

## Appendix 3

### **NASA Addendum to the 2012 Strategic Sustainability Performance Plan: Responding to the President's Memorandum on Promotion of Biobased Markets**

On February 21, 2012, President Obama signed a Memorandum, *Driving Innovation and Creating Jobs in Rural America through Biobased and Sustainable Product Procurement*. The memorandum requires all federal agencies to undertake a number of activities to increase their purchase of biobased products. NASA is moving aggressively to implement the Presidential Memorandum requirements.

#### **Accomplishments to date include:**

- The NASA BioPreferred Program initially began with oils (BPL soy replacing WD-40), fuels (E-85 bio-diesel), transformers (replacing old transformers which contained fluid-filled pcb oil with soy-based oil) and Part Washer Systems (use of plant microbes as a degreaser).
- The Agency target areas currently include cafeteria products, janitorial - cleaning products, Center events (picnics) and new construction which have expanded the numbers and types of USDA designated items NASA purchased.
- NASA has used various methods to implement and monitor the expansion of the program, including:
  1. Establishing Center wide Green Teams and an Agency wide Green Purchasing Work Group
  2. Utilizing NASA's Environmental Management Systems to set high-priority targets and objectives for sustainable acquisition
  3. Center-specific and Agency-wide BioPreferred program training of civil servants and contracting workforce
  4. Centers reviewing specifications for biobased products
- A biobased component was added to the Agency's purchase card holder training. NASA established a purchase card system to track and report green purchases made by those purchase card holders.
- NASA has also established a biobased reporting module within the NASA Environmental Tracking System (NETS) to track and report biobased purchases at the NASA Centers.
- In FY11, NASA purchased \$408,405.00 of biobased products.

#### **Baseline for Biobased Contracting:**

NASA included requirements and clauses for biobased products in 0 percent of appropriate contracts during the first two quarters of FY 2012.

#### **FY 2013 Target/Compliance Goal:**

- As a leader in sustainable acquisition strategies and compliance, NASA plans to meet a level of 25 percent for all relevant acquisitions in the first two quarters of FY 2013.
- NASA plans to achieve an annual goal of 25 percent compliance in FY 2013 and increase by 25 percent annually thereafter.

- NASA plans to achieve full compliance of the 95 percent sustainable acquisition goal in E.O. 13514 for biobased products no later than FY2016.

### **Strategies for Improving Compliance:**

NASA's strategy for improving compliance--full incorporation of requirements and clauses for biobased products in relevant and appropriate contracts and follow on activities to ensure compliance is achieved--includes the following elements:

- NASA will generate and disseminate agency level reports on biobased compliance using data from newly created biobased reporting elements in the Federal Procurement Data System--Next Generation.
- NASA will use USDA contract templates from the BioPreferred website and promote their use.
- NASA will include biobased requirements in at least 50% of its cafeteria, fleet maintenance and construction contracts and will attempt to include requirements and performance standards for biobased products in 100% of newly awarded janitorial contracts.
- NASA plans to increase its biobased purchasing by expanding requirements clauses to 100% of cafeteria and fleet maintenance contracts; conducting past performance reviews on janitorial contracts to ensure ongoing compliance; and emphasizing requirements and scope of work for construction and renovation contracts to include biobased insulation, carpeting, sealants, roofing materials.
- In its procurement Performance Management Review (PMR) and Environmental and Energy Functional Reviews (EEFR), NASA will review service contracts relevant to biobased purchasing (janitorial, cafeteria, fleet management and construction) to ensure that requirements for biobased products are met.

### **Required Specification Reviews:**

The President's Memorandum requires that wherever possible and appropriate, agency specifications require the use of sustainable products, including USDA-designated biobased products, and that any language prohibiting the use of biobased products is removed as appropriate. The review shall be on a 4-year cycle and a significant number of reviews should be completed by the end of calendar year 2012. Results of these reviews must be reported annually to OMB and the Office of Science and Technology Policy (OSTP).

NASA will annually review 25% of the specifications under its control and revise them to ensure that biobased products are included as appropriate. This number of reviews will result in 100% of the total specifications under the control of NASA being reviewed for biobased products during a 4 year cycle.